

|                                                                                   |  |      |  |                         |  |                                         |  |
|-----------------------------------------------------------------------------------|--|------|--|-------------------------|--|-----------------------------------------|--|
| <b>Issue Classification</b>                                                       |  |      |  | Application/Control No. |  | Applicant(s)/Patent under Reexamination |  |
|  |  |      |  | 09/945,311              |  | HASEGAWA, TAKAHIKO                      |  |
| Examiner                                                                          |  |      |  | Art Unit                |  |                                         |  |
| Laura B. Rosenberg                                                                |  | 3616 |  |                         |  |                                         |  |

| <b>ISSUE CLASSIFICATION</b>                                                                                      |          |       |                                   |                                                                                                                                                                                                                                                                  |   |   |   |
|------------------------------------------------------------------------------------------------------------------|----------|-------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| ORIGINAL                                                                                                         |          |       | CROSS REFERENCE(S)                |                                                                                                                                                                                                                                                                  |   |   |   |
| CLASS                                                                                                            | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) |                                                                                                                                                                                                                                                                  |   |   |   |
| 180                                                                                                              | 282      |       |                                   |                                                                                                                                                                                                                                                                  |   |   |   |
| INTERNATIONAL CLASSIFICATION                                                                                     |          |       |                                   |                                                                                                                                                                                                                                                                  |   |   |   |
| B                                                                                                                | 6        | 0     | K                                 | 28/14                                                                                                                                                                                                                                                            | / | / | / |
|                                                                                                                  |          |       |                                   |                                                                                                                                                                                                                                                                  |   |   |   |
|                                                                                                                  |          |       |                                   |                                                                                                                                                                                                                                                                  |   |   |   |
|                                                                                                                  |          |       |                                   |                                                                                                                                                                                                                                                                  |   |   |   |
|                                                                                                                  |          |       |                                   |                                                                                                                                                                                                                                                                  |   |   |   |
| <br>(Assistant Examiner) (Date) |          |       |                                   | <br>PAUL N. DICKSON<br><small>(Primary Examiner) (Date)</small><br>SUPERVISORY PATENT EXAMINER<br><small>(Legal Instruments Examiner) (Date)</small><br>TECHNOLOGY CENTER 3600 |   |   |   |
| Total Claims Allowed: 11<br>O.G. Print Claim(s) 1<br>O.G. Print Fig. 1, 2                                        |          |       |                                   |                                                                                                                                                                                                                                                                  |   |   |   |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|----------------------------------------------------------------------------------------|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final                                                                                  | Original | Final                        | Original | Final                         | Original | Final                           | Original |
|                                                                                        |          |                              |          |                               |          |                                 |          |
| 1                                                                                      |          | 8                            | 31       | 61                            |          | 121                             |          |
| 2                                                                                      |          | 9                            | 32       | 62                            |          | 122                             |          |
| 3                                                                                      |          | 33                           |          | 63                            |          | 123                             |          |
| 4                                                                                      |          | 34                           |          | 64                            |          | 124                             |          |
| 5                                                                                      |          | 10                           | 35       | 65                            |          | 125                             |          |
| 6                                                                                      |          | 11                           | 36       | 66                            |          | 126                             |          |
| 1                                                                                      | 7        |                              | 37       | 67                            |          | 127                             |          |
| 2                                                                                      | 8        |                              | 38       | 68                            |          | 128                             |          |
| 3                                                                                      | 9        |                              | 39       | 69                            |          | 129                             |          |
| 10                                                                                     |          | 40                           |          | 70                            |          | 130                             |          |
| 11                                                                                     |          | 41                           |          | 71                            |          | 131                             |          |
| 12                                                                                     |          | 42                           |          | 72                            |          | 132                             |          |
| 13                                                                                     |          | 43                           |          | 73                            |          | 133                             |          |
| 14                                                                                     |          | 44                           |          | 74                            |          | 134                             |          |
| 15                                                                                     |          | 45                           |          | 75                            |          | 135                             |          |
| 16                                                                                     |          | 46                           |          | 76                            |          | 136                             |          |
| 17                                                                                     |          | 47                           |          | 77                            |          | 137                             |          |
| 18                                                                                     |          | 48                           |          | 78                            |          | 138                             |          |
| 19                                                                                     |          | 49                           |          | 79                            |          | 139                             |          |
| 20                                                                                     |          | 50                           |          | 80                            |          | 140                             |          |
| 21                                                                                     |          | 51                           |          | 81                            |          | 141                             |          |
| 22                                                                                     |          | 52                           |          | 82                            |          | 142                             |          |
| 23                                                                                     |          | 53                           |          | 83                            |          | 143                             |          |
| 24                                                                                     |          | 54                           |          | 84                            |          | 144                             |          |
| 4                                                                                      | 25       |                              | 55       | 85                            |          | 145                             |          |
| 5                                                                                      | 26       |                              | 56       | 86                            |          | 146                             |          |
| 27                                                                                     |          | 57                           |          | 87                            |          | 147                             |          |
| 28                                                                                     |          | 58                           |          | 88                            |          | 148                             |          |
| 6                                                                                      | 29       |                              | 59       | 89                            |          | 149                             |          |
| 7                                                                                      | 30       |                              | 60       | 90                            |          | 150                             |          |